

**PENGEMBANGAN LKPD BERBASIS *PROJECT BASED LEARNING*
PADA MATERI PERMASALAHAN LINGKUNGAN MENGANCAM
KEHIDUPAN KELAS V SEKOLAH DASAR**

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ABSTRAK

Penelitian ini dilatarbelakangi oleh rendahnya keterlibatan siswa, dan kurangnya pemahaman terhadap materi permasalahan lingkungan mengancam kehidupan pada pembelajaran IPAS kelas V Sekolah Dasar. Siswa memiliki minat belajar tinggi namun guru belum mampu memfasilitasi pembelajaran dengan bahan ajar yang menarik. Tujuan penelitian ini adalah mengembangkan LKPD berbasis *Project Based Learning* yang valid dan praktis untuk digunakan dalam pembelajaran IPAS. Penelitian ini menggunakan model pengembangan ADDIE, yang terdiri atas lima tahapan, yaitu: (1) analisis, (2) perancangan, (3) pengembangan, (4) implementasi, dan (5) evaluasi. Subjek penelitian ini adalah LKPD berbasis *Project Based Learning*, sedangkan objek penelitian adalah tingkat validitas dan kepraktisan dari produk yang dikembangkan. Pengumpulan data dilakukan melalui lembar validasi ahli dan instrumen respon guru dan siswa. Uji coba produk dilakukan dalam dua tahap, yaitu uji coba perorangan yang melibatkan 3 siswa dan uji coba kelompok kecil yang melibatkan 9 siswa kelas V SD Negeri 1 Baturiti. Hasil penelitian menunjukkan bahwa: (1) LKPD berbasis *Project Based Learning* memiliki tingkat validitas sangat tinggi, dengan skor rata-rata hasil validasi ahli materi sebesar 95,5 % dan validasi ahli media sebesar 97%, sehingga dinyatakan sangat layak digunakan; dan (2) aspek kepraktisan memperoleh rata-rata skor respon guru sebesar 99%, serta respon siswa sebesar 94% pada uji coba perorangan dan 95% pada uji coba kelompok kecil, yang semuanya termasuk dalam kategori sangat baik. Berdasarkan hasil tersebut, dapat disimpulkan bahwa bahan ajar LKPD berbasis *Project Based Learning* yang dikembangkan valid dan praktis digunakan dalam pembelajaran IPAS kelas V Sekolah Dasar.

Kata Kunci: LKPD, *Project Based Learning*, IPAS, permasalahan lingkungan, Model ADDIE.

**DEVELOPMENT OF LKPD BASED ON PROJECT BASED LEARNING ON
THE MATERIAL ON ENVIRONMENTAL PROBLEMS THAT THREATEN
LIFE IN GRADE V ELEMENTARY SCHOOL**

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ABSTRACT

This research is motivated by low student engagement and a lack of understanding of environmental issues that threaten life in fifth-grade elementary school science lessons. Students have a high interest in learning, but teachers have not been able to facilitate learning with engaging teaching materials. The purpose of this research is to develop a student worksheet (LKPD) based on Project Based Learning valid and practical for use in science learning. This research uses the ADDIE development model, which consists of five stages, namely: (1) analysis, (2) design, (3) development, (4) implementation, and (5) evaluation. The subject of this research is the LKPD based on Project Based Learning, while the object of the research is the level of validity and practicality of the product developed. Data collection was carried out through expert validation sheets and teacher and student response instruments. Product trials were conducted in two stages, namely individual trials involving 3 students and small group trials involving 9 fifth grade students of SD Negeri 1 Baturiti. The results of the study showed that: (1) LKPD based on Project Based Learning has a very high level of validity, with an average score of 95.5% from material expert validation and 97% from media expert validation, so it is declared very suitable for use; and (2) the practicality aspect obtained an average teacher response score of 99%, and a student response of 94% in individual trials and 95% in small group trials, all of which are included in the very good category. Based on these results, it can be concluded that the LKPD teaching material based on Project Based Learning which was developed to be valid and practical for use in science learning for grade V of elementary school.

Keywords: LKPD, Project Based Learning, IPAS, environmental problems, ADDIE Model.